

CERMAK, V.; HANUS, V.; HLADEK, L.; HERMAN, Z.; PACAK, M.; SCHULZ, L.

A mass spectrometer for precise determination of the ratio of deuterium to hydrogen in hydrogen gas in the region of natural deuterium concentrations. Coll Cz Chem 27 no.7:1633-1638 Jl '62.

1. Institute of Physical chemistry, Czechoslovak Academy of Sciences, Prague.

L 34729-66

ACC NR: AP0025206

SOURCE CODE: CZ/0008/66/000/002/0238/0245

31

B

AUTHOR: Hladek, Ladislav

ORG: Institute of Physical Chemistry, CSAV, Prague (Ustav fysikalni chemie CSAV)

TITLE: Transistorized conductometric apparatus with a Metra MLL bridge

SOURCE: Chemicke listy, no. 2, 1966, 238-245

TOPIC TAGS: transistorized circuit, integrated electronic device

ABSTRACT: The author discusses an instrument which he designed for the study of reactions of gaseous sulfur dioxide with solid phases in a differential reactor of the department of thermodynamics of the Academy. The principle of the instrument, its properties, and a detailed description of the bridge are presented. The instrument is suitable for conductometric measurements when supplied with alternating current. The accuracy of measurements is limited by the accuracy of the bridge which is within 0.02%. Two types of uses of the apparatus are discussed.
Orig.art.has:4 figures./JPRS:35,397/

SUB CODE: 09 / SUBM DATE: 28Sep64 / ORIG REF: 003 / OTH REF: 004

15

SHORM, F. [SORN, F.], akademik; CHERNETSKIY, V.P.; KHLADEK, S. [HLADEK, S.];
VESELAY, Y.; SMRT, Y.

6-Azacytidine and its derivatives. Dokl.AN SSSR 137 no.6:1393-
1395 Ap '61.
(MIRA 14:4)

1. Institut organicheskoy khimii i biokhimii AN Chekhoslovatskoy SSR,
Praga (for all except Chernetskiy). 2. Institut organicheskoy khimii
Akademii nauk USSR, Kiyev (for Chernetskiy).
(Azacytidine)

HIAIDLJ, J.

Erythrocyte changes in experimental scurvy. Polski tygod. lek.
7 no.51-52:1723-1727 29 Dec 1952. (CLML 24:2)

1. Of the Institute of General and Experimental Pathology (Head--
Prof. Bronislaw Giedossz, M.D.) of Krakow Medical Academy.

HADLJ, Jaroslaw

Variations in cholesterol content in venous and arterial blood in various pathological conditions. Polskie arch.med.wewnetrz. 29 no.12: 1607-1614 '59.

l. z I Kliniki Chorob Wewnetrnych A.M. w Krakowie. Kierownik: prof. dr. med. L. Tochowicz. Opracowanie statystyczne: Jan Czyszyński i z Katedry Statystyki Wyższej Szkoły Ekonomicznej. Kierownik: prof. dr. J. Pierich.

(CHOLESTEROL blood)

TABEAU, Jerzy; WOJCIKIEWICZ, Olga; HLADIK, Jaroslav; CZARNECKA-CHONKO,
Danta; ZDANOWSKA, Krystyna

Clinical significance of abnormally high T wave. I. Electro-
cardiographic aspects. Pol. tyg. lek. 19 no.35:1318-1321 31 Ag '64.

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w Krakowie
(kierownik: prof. dr Leon Tochowicz).

HLADIL, J.

Effect of the lipid load on the calcium time of blood coagulation
in patients with hypertension. Pol. tyg. lek. 20 no.15:509-511
12 Ap '65.

1. Z I Kliniki Chorob Wewnetrznych AM w Krakowie (Kierownik:
prof. dr. med. Leon Tochowicz).

HLADIJ, Jaroslaw

Calcium coagulation time following lipid load in arteriosclerotic patients. Pol. tyg. lek. 19 no.35:1323-1325 31 Ag '64.

l. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Krakowie (kierownik: prof. dr Leon Tochowicz).

HLADIK, A.

HLADIK, A.

HLADIK, A. Torsion of prismatic bars with U-shaped sections. p. 317.

Vol. 5, no. 3, May 1955
CESKOSLOVENSKY CASOFSIS IRO FISIKA
SCIENCE
Praga, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

HLADIK, A.

Grinberg's method for solution of partial differential equations of the second order.
p. 423

Vol. 5, no. 4, July 1955
CESKOSLOVENSKY CASOPIS PRO FYSIKU
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

Huetk, A.

691.325

✓ 8004 TORSION OF PRISMATIC RODS OF U-SHAPED

PROFILE A. Huetk.

Czech J. Phys., Vol. 8, No. 4, 502-14 (Dec., 1958). In

Czech, 1 page, 1 fig. Summary (200 words) in English

Russian, with summary (200 words) in English

The equations determining elastic equilibrium are solved
for torsion of U-shaped rods under axial expansion. Results are given in numerical
form and in the form of analytical expressions

H. Eisenachida

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CIA-RDP86-00513R000618020020-2"

HLADIK, A.

TECHNOLOGY

PERIODICALS: PRUNYSL POTRAVIN Vol. 9, no. 12, Dec. 1958

VONASEK, F.: TREPKOVA, E.: HLADIK, A. Analysis of new dyes approved
for use in the food industry. p. 645

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

AUTHOR: Arnošt Hladík
 TITLE: Stress in Twisted U-shaped Prismatic Bars
 PERIODICAL: Ceskoslovenský Časopis Pro Fysiku, 1959, Nr 6,
 pp 555-561
 ABSTRACT: A stress function U (Ref 2, where it is denoted by Ψ) was used. This function obeys the following equation

$$\Delta U = -2 \quad (1.1)$$

 and the boundary condition at the cross-section
 perimeter is

$$U(x,y) = 0. \quad (1.2)$$

 Non-zero stresses σ_{xx} and σ_{zy} are given by

$$\sigma_{zx} = GT \frac{\partial U}{\partial y}, \quad \sigma_{zy} = -GT \frac{\partial U}{\partial x}, \quad (1.3), (1.4)$$

 where G is the shear modulus and T is the shear angle (mutual angular displacement and τ is the shear a unit distance apart). Using the notation of two cross-sections Eq (2.1) and Eqs (8.1)-(8.3) of the author's earlier
 Card 1/2 ✓

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Card
1/2

CZECHOSLOVAKIA/Farm Animal - Honey Bee

Q-7

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26268

Author : Hladik B.

Inst : Not Given

Title : Experience in the Migration of Bees (Opyt v otnoshenii kochovki pchel)

Orig Pub : Vedeanstvi, 1957, 10, No 1, 5

Abstract : The 5-10% of the profit from beekeeping rests in the value of honey and beeswax, and 90-95% of the benefit comes from the increase of the fertility of the cultures pollinated by the bees. According to the experience of the state farms, an apiary consisting of 50 colonies was moved for the pollination of rapeseed; as a result, the seed crop from 15 ha. increased by 25%. For the migratory apiary, a special kind of cart is recommended, in which two rows of hives are placed on each lateral side.

Card : 1/1

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HLADIK, Frantisek

Prirucka k praktickym cvicenim z ovocnictvi, i./cast/. Rez ovoenyh drevin.
(Manual for Practical Exercises in Fruit Gardening. Vol. 1. Pruning of Fruit
Trees; a university textbook. 1st ed. illus., bibl.) For the students of the
Faculty of Agriculture. Prague, SFN, 1957. 113 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 36. 15 Oct 57. p.784.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADIK, J.

TECHNOLOGY

Periodical AUTNICKE LISTY. Vol. 10, no. 11, Nov. 1955.

HLADIK, J. Automatic cutting control of pneumatic shearing. p. 675.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

CZECHOSLOVAKIA

LANC, O. and HLADIK, J.; [Affiliation not given,] Prague.

"Blinker with Rotating Screen."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 294-298.

Abstract : Description of flicker generator, from 5 to 60 blinks/second with intervals = flickers in duration; intensity can also be varied from minimal to that of automobile headlight. Two electric schematic diagrams, 3 photographs; 1 Czech and 8 Western references.

1/1

AUTHORS:
TITLE:

ITLE:

PERIODICAL: Referativnyy zhurnal fiziki i matematiki
no. 4, 1962, abstract no. 21g, 18/01, 42k, 46/07.

TEXT: A new method is proposed for generating a signal for an ionization chamber. The equipment consists of a rotating ionization chamber, a radiation source and a stationary collector. The ionization chamber has at its center a stationary cylindrical screen to which the radiation source is attached. The radiation directed outside the chamber is alternatively reflected or falls on the collector electrode. The radiation source is tested, or from the standard, and falls on the collector electrode.

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CIA-RDP86-00513R000618020020-

Card 2/.

HLADIK, Jaroslav

Measuring apparatus for the noncontact continuous determining of
metric weight of pipes and certain forms by means of radioisotopes.
Jaderna energie 7 no.11:384-386 N '61.

1. Vyzkumny ustav hutnistvi zeleza.

AUTHOR:

Hladík, Jaroslav, Engineer Doctor
Measurement Without Contact

Z/006/61/000/013/001/002
E073/E535

TITLE:

PERIODICAL: Technické noviny, No.13, March 29, 1961, p.5
TEXT: Výzkumný ústav hutnictví železa (Ferrous Metallurgy Research Institute) developed equipment for contactless measurement of the weight per metre of tubes or sections as they are being rolled. The entire cross-section of the tube or the section is passed through a beam of radioactive radiation, which at the level of the tube or section is slightly wider than the tube diameter or the width of the section. The radioactive source Cs¹³⁷ is in a lead filled container weighing 250 kg. Collimating screens are provided for adjusting the width of the radioactive beam in accordance with the diameter of the tube. The maximum beam width being 17°. The beam width \tilde{s}_r at the measuring point is adjusted in such a way that it is wider by the tolerance r than the diameter of the measured tube \tilde{s}_t , which allows for the vibrations of the tube. The fact that the beam is somewhat wider than the measured tube diameter ensures that the tube will not become deflected beyond the radioactive beam. It is thereby assumed that

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Measurement Without Contact

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the axial guidance of the tube is accurate and that the tube has no radial deviations. The entire radiation beam is detected in an ionization chamber k and the resulting ionization current is proportional to the weight of the tube per unit of length. The voltage on the terminals of the resistor R produced by the ionization current is compensated to zero by the potentiometer P. Thus, the compensating voltage is proportional to the weight per unit of length of the tube and the scale of the potentiometer is calibrated in terms of weight per metre. The d.c. amplifier Z amplifies the deviations of the voltage from zero and its output is fed into a microammeter M, the zero point of which is in the centre of the scale. The scale of the microammeter is calibrated in percent of the deviations from the nominal weight. The entire equipment is mounted into two units: the detection unit and the measuring unit. The detection unit is mounted into the mill, the container with the Cs¹³⁷ is on the top and the beam width can be remote controlled by means of a selsyn from the control panel. The ionization chamber with six cells of 9.6 dm³, which is hermetically sealed, is at the bottom. The inside of the chamber is lined with lead. The window is 140 x 140 mm. The ionization chamber as well

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as the container are water cooled to protect them from the heat radiated from the hot tubes, the temperature of which is about 800°C. A d.c. balancing amplifier with a high feedback is mounted at the bottom of the ionization chamber. The frame also carries a remote controlled retrieving device. The second part of the equipment is in the control cabin. The metering and control cabin contains a stabilized power supply; the top part is fitted as the control panel. It contains a zero indicator, calibrated in percent of deviation from the nominal value, an indicator of the beam width on a common scale with a compensation potentiometer, which is calibrated in terms of weight per metre, and a number of push buttons and contactors for remote control of the beam width for closing the container and for retrieving reference standards. During the measurements the accurately guided tube will pass between the container and the ionization chamber. A reference standard of the tube to be rolled is placed into the appropriate space during a pause in the rolling and on the scale the "weight per metre" is set at which the indicator will give a zero reading. If the agreement between the scale and the reference standard is



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Measurement Without Contact

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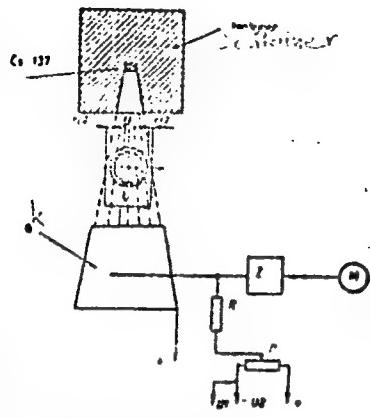
not satisfactory, the zero reading can be adjusted by means of an auxiliary potentiometer. The equipment permits measuring weight deviations of $\pm 2\%$. The time constant of the measuring device is about 0.5 sec. The equipment operates from a 220 V mains supply, it consumes 350 W/h and is suitable for measurements with tubes of up to 88 mm diameter. By means of a large ionization chamber and a suitably adapted container, tubes of even larger diameters can be tested. There are 2 figures.

[Abstractor's Note: This is virtually a complete translation.]

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Measurement Without Contact

Z/006/61/000/013/001/002
E073/E535



Princip měření metrové váhy



Card 5/5

LANC, O.; HLADIK, J.

Flicker generator with rotating screen. Activ. Nerv. Sup. 5
no.3:294-298 Jl '63.

(PSYCHIATRY) (PSYCHOLOGY)
(EQUIPMENT AND SUPPLIES)
(ELECTROPHYSIOLOGY)

HLADIK, Jaroslav

Continuous steel tube weight determination method used in
the Stiebel 140 operation in the Nova hut Klementa Gottwalda.
Jaderna energie 9 no. 12:390 D '63.

1. Vyzkumny ustav hutnictvi zeleza, Brno.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

MAREK, S.; MELICHAR, B.; HLADIK, J.

Establishment of pharmaceutical department in universities in
Czechoslovakia. Cesk. farm. 1 no. 10:549-554 1952. (CLML 23:4)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADIK, Jaroslav

Pharmacognosy at the Charles University. Cesk. farm. 3 no. 5:155.
160 My '54.

1. Z ustatu pro dejiny farmacie farmaceuticke fakulty MU v Brne.
(PLANTS,
*pharmacognosy, hist. in Czech.)

HLADIK, Jaroslav

Progressive characteristics of Master of Pharmacy Stanislav
Martinec. Cesk. farm. 3 no.7:257-259 Sept 54.

1. Z ustatku pro dejiny farmacie farmaceuticke fakulty MU v Brne.
(BIOGRAPHIES.
Martinec, Stanislav)

HLADIK, Jaroslav, doc., Ph.Mr., RUDr.

Beginnings of pharmaceutical education at the Charles University
in Prague. Acta pharmac 5:199-224 '61.

1. Institut fur Geschichte der Pharmazie der Pharmazeutischen Fakultat
in Bratislava, Kal inciakova 8.

HLADIK, J.

Contribution to the history of drug control in the territory of our
state. Cesk. farm. 10 no.10:518-522 D '61.

1. Ustav pro dejiny lekarnictvi Komenskeho university, Bratislava.
(PHARMACY hist)

CZECHOSLOVAKIA

J. HLADIK, Department of the History of Pharmacy, Faculty of Pharmacy,
Comenius University, Bratislava.

"Opium Bohemicum."

Prague, Ceskoslovenska Farmacie, Vol 12, No 1, Jan 1963; pp 59-65.

Abstract (English summary modified): Historical review of the four main projects to grow poppy for the manufacture of morphine and related preparations in the territory of present Czechoslovakia: 1860, 1870, 1890 and 1925; names, places, techniques and results; 24 references mostly Czech; many from 19th century.

HLADIK, JIRI

PHASE I BOOK EXPLANATION Sov/44-9

Doslovnostni analyticki vyd. Svetec technicka

*Prace uskutek pro elektrotechniku ČSAV z. r. 1958, IX (Proceedings
of the Institute for Electrical Engineering of the ČSAV
(Czechoslovak Academy of Sciences) for 1958, No. 9) prace,
1959, 193 p., 700 copies printed.*

*Scientific Ed.: Miloslav Tvarna, Engineer, Doctoral Ed.: Frantisek Kondrak,
Institute, Prague, Moravskoj, Tech. Ed.: Frantisek Kondrak.*

PURPOSE: This collection of articles is intended for specialists
in the field of high-voltage technique.

CONTENTS: The collection contains 9 original papers devoted to
high-voltage technique and to special problems of heavy-
current engineering. The papers deal with the so-called
sparkover effect which has an important influence on the
diminishing of the sparking distance for very high voltages
at commercial frequency, and with the effects of periodic
forces of short circuits on transformer windings. Also dis-
cussed are impedance models containing active components, the
measurements of electric quantities using a.c. model technique,
the effects of eddy currents in dc motors fed from rectifiers,
as well as the contemporary state and comparative study of
phenomenal interrelations of impact breakdown of solids and X-
transformers with layer windings. No personalities are men-
tioned. References accompany each paper.

There are 2 references: 1 Czech and 1 German.

**IV. Components—Feasibility of Impedance Models With Active
Components** 66

There are 6 references: 3 Czech and 3 German.

V. Currents, Volt-Ampere Models 75

There are 5 references: 4 Czech and 1 German.

VI. High-Voltage AC Models 87

There are 69 references: 11 Czech, 13 English, 1 French,

and 1 German.

**VII. Inductance, Capacitance, and Jiffi Bendl. Effect of Eddy
Currents on DC Motors Fed from Rectifiers** 123

There are 13 references: 5 Czech and 8 German.

**VIII. Partial Fields, Present State of the Theory of Part
Electric Breakdown of Solids** 159

There are 26 references: 1 Czech, 8 Soviet, 11 English, and 3 German.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

HLADIK, Jiri, inz., kandidat technickych ved

"Special semiconductor elements" by [inz.] Milos Ulrych. Reviewed
by Jiri Hladik. El tech obzor 52 no.6:330 Je '63.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADIK, Miroslav, Dr.

Intermittent cardiospasm in a 11-year old girl; differential diagnosis. Cesk. pediat. 10 no.1:52-54 Feb 55.

1. Ze statniho sanatoria v Praze.
(CARDIOSPASM, in infant and child
in 11-year old girl, differ. diag.)

HLADIK, Miloslav., Dr.

Traumatic pneumonediastinum with pneumothorax and extensive subcutaneous emphysema. Acta chir. orthop. traum czech. 23 no. 1:49-51
Feb 56.

(PNEUMONEDIASTINUM, complications,
pneumothorax & subcutaneous emphysema (Cz)

(PNEUMOTHORAX, complications,
pneumothorax & subcutaneous emphysema (Cz)

(EMPHYSEMA,
subcutaneous, with pneumonediastinum & pneumothorax (Cz)

HLADIK, Miroslav; FAFLOVA, Helena

Intramuscular & intravenous urography in pediatrics with 50 diodone
(synfarma). Cesk. pediat. 13 no.3:239-241 5 Apr 58.

1. Rentfenove a urologicke oddeleni detske chirurgicke kliniky, prednosta
V. Kafka.

(URINARY TRACT, radiography

contrast medium, iodopyracet in child., intramuscl. & intra-
venous admin. (Cz))

(CONTRAST MEDIA

iodopyracet in intramuscl. or intravenous urography in child.
(Cz))

HADIK, Miroslav; HAVLUJOVA, Ludmila

Extension fractures from overload in children. Cesk. pediat. 13 no.8:
721-722 5 Sept 58.

1. Detska chirurgicka klinika, prednosta doc. MUDr. V. Kafka, IV.
detska int. klinika, prednosta prof. MUDr. F. Blazek, pediat fakulty
Karlovych University v Praze.

(TIBIA, fract.

extension fract. in child., differ diag. from osteomyelitis
& osteogenic sarcoma (Gz))

(OSTEOMYELITIS, in inf. & child

differ. diag. from extension fract. of tibia(Gz))

(SARCOMA, OSTEOGENIC, in inf. & child
same)

HADIK, Miroslav; PONLOVA, Jana

The thymus & mediastinal pleurisy in infants. Cesk. pediat. 14 no.1:
27-30 5 Jan 59.

1. Statni sanatorium a Detska chirurgicka klinika v Praze. M. H., Statni
sanatorium, Praha 16, SANOPS.

(PLEURISY, differ. diag.

dextroposited thymus from mediastinal pleurisy in inf. (Cz))

(THYMUS, radiography

dextroposition simulating mediastinal pleurisy in inf. (Cz))

HIADIK, Miroslav (Praha 2, Karlovo nam. 32.)

Perichondritis calcificans in childhood. Acta chir. orthop. traum. czech.
26 no. 1:48-50 Feb 59.

1. Rentgenove oddaleni fakultni polikliniky v Praze, prednosta MUDr.
F. Marx.

(CARTILAGE, dis.

perichondritis calcificant in child. (Cz))

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

Hladič, M. (Praha 2, Sokolská 2)

Congenital angulation and pseudoarthrosis of the long bones. Acta chir.
orthop. traum. czech. 26 no.3:246-249 June 59.

1. Rtg oddeleni detske chirurgicke kliniky v Praze, prednosta doc. dr.
V. Kafka.

(BONES AND BONES, abnorm.
angulation & pseudoarthrosis (Cz))

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADIK, Miroslav; PALECEK, Leopold; FAFLOVA, Helena

The importance of control urography in Wilms' tumor after the preoperative irradiation. Cesk.rentg.14 no.4:246-252 Ag'60.

1. Detska chirurgicka klinika pediatricke fakulty KU v Praze,
prednosta doc. MUDr. V. Lafka. Radiologicka klinika fakulty
vseobecneho lekarstvi KU v Praze, prednosta prof. MUDr. V. Svab.
(NEPHROBLASTOMA radiogr)

HLADIK, M.; BRODSKY, M.

Diagnostic difficulties in congenital atresia of the esophagus
and similar conditions. Cesk.pediat.15 no.11:1022-1025 N°60.

1. Klinika pediatrické chirurgie v Praze, prednosta doc. MUDr.
Vaclav Kafka.
(ESOPHAGUS abnorm)

KAFKA, V.; FAFLOVA, H.; HLADIK, M.

Diagnosis of infravesical obstruction in children. Acta univ.
carol. [med.] 7 no.5:583-597 '61.

1. Klinika pediatricke chirurgie fakulty detskeho lekarstvi University
Karlov v Praze, prednosta prof. MUDr. V. Kafka, Dr Sc.
(BLADDER abnorm) (UROLOGY in inf & child)

HLADIK, Miroslav

On a technic for roentgenological investigation of the urinary tract in pediatric patients with special reference to gonad-doses of injurious radiations. Cesk.pediat.16 no.2:97-100 F '61.

1. Klinika pediatrické chirurgie v Praze, prednosta prof. MUDr.
V. Kafka.

(RADIATION PROTECTION in inf & child)
(UROGENITAL SYSTEM radiog)
(GONADS radiation eff)

HLADIK, Miroslav

Pubertal osteoporosis of the spinal column in a 10-year-old girl.
Cesk. pediat. 16 no.6:539-541 Je '61.

1. Klinika pediatrice chirurgie pediatrice fakulty KU v Praze,
prednosta prof. MUDr. V. Kafka.

(OSTEOPOROSIS in infancy & childhood)
(SPINE dis) (PUBERTY compl)

STRYHAL, Frantisek; TOSOVSKY, Vaclav, rentgenologicka cast:HADIK, Miroslav

Supracondylar process of the humerus. Cesk. pediat. 16 no.12:1097-
1099 D '61.

1. I klinika pro ortopedickou a detskou chirurgii KU v Praze (prednosta
prof. MUDr. Miroslav Jaros); Oddeleni pro detskou traumatologii (pred-
nosta doc. MUDr. V. Tosovsky) kliniky pediatricke chirurgie KU (prednosta
prof. MUDr. Vaclav Kafka) v Praze.

(HUMERUS abnorm)

HLADIK, M.; KOBYLKOVÁ, M.

Bone changes in so-called congenital analgesia. Česk. pediat. 17
no.11:995-999 N '62.

1. Detska chirurgicka klinika fakulty detskeho lekarstvi Karlovy
university v Praze, prednosta prof. dr. V. Kafka III detska klinika
fakulty detskeho lekarstvi Karlovy university v Praze, prednosta
prof. dr. O. Vychytil.

(PAIN) (BONE DISEASES)

APETAUROVA, B.; HLADIK, M.

Pseudocysts of the pancreas in children. Rozh. chir. 42 no.12:
894-898 D'63.

1. Klinika pediatricke chirurgie fakulty detskeho lekarstvi KU
v Praze; prednosta: prof. dr. V. Kafka, DrSc.

*

FRYDL, Vl.; HLADIK, M.

Malignant synovialoma. Acta chir. orthop. traum. cech. 31
no.1:34-40 F '64.

1. Patologickoanatomicke oddeleni (vedouci MUDr. M. Schrottenbaum)
a ortopedicke oddeleni Obvodniho ustavu narodniho zdravi v Teplicich
(vedouci MUDr. J. Lukes).

HLADIK, M.

On the injurious effects of ionizing radiation in roentgen
diagnosis in children. Cesk. pediat. 19 no.8:726-729 Ag '64.

1. Klinika pediatricke chirurgie fakulty detskeho lekarstvi v
Praze, (prednosta prof. dr. V. Katka, DrSc.).

HLADIK, Stanislav; KOZAK, Kvetoslav; SKALKA, Boris

Erysipeloid. Cesk. derm. 36 no. 7:482-488 '61.

1. Dermatovenerologicke ambulatorium OUNZ Vyskov, vedouci lekar St.
Hladik, prom. lek. Bioveta. Ivanovice. Mikrobiologicky ustav veterinarni
fakulty VSZ, Brno, prednosta doc. MVDr. L. Kriz.

(ERYSIPEROID)

HLADIK, S.

Contribution to the treatment of scleroderma. Cesk. dorm. 40
no.2*126-129 Ap'65.

1. Dermato-venerologicke ambulatorium Obvodniho ustavu nareodniho
zdravi v Vyskove.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

HLADIK, Stanislav

Professor Otakar Gartner; obituary. Cas min geol 7 no.3:370-371 '42.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HADIK

Lectrodometry - 4

✓ Polarographic behavior of parabanic, oxalic, and oxalic acids. VI. Hradík (Charles Univ., Prague). Študia Mineralog.-Petrogr.-Svadlova Přesl. 1st. Congr. 1961, Pt. I, Proc. 1960-61 (in Russian), 400-64 (in German).—Parabanic acid is polarographically reducible; 3 different waves are obtained for the undissociated acid and the uni- and bivalent anions, resp. Its dissoci. const. are 6×10^{-9} and 1.6×10^{-11} at 20°. Oxalic acid is reduced polarographically in 2 steps at such neg. potentials that the wave height and half-wave potentials can only be noted; its dissoci. const. is

1×10^{-9} at 18°. Oxalic acid (aluminumic acid) is more easily reduced than parabanic acid; it also shows the 3 different waves. Its dissoci. const. are 1.6×10^{-9} and 8×10^{-11} at 18°. The polarographic data which served to calc. the dissoci. const. were also used to det. the reaction-velocity const. of the hydrolysis of parabanic and oxalic acids.

Otto H. Müller

MUSIL, J.; PAVLOVSKA, J.; BEDNARIK, T.; LOSTICKY, C.; PLAKIKOVA, I.
DOBROVSKY, M.

Study of the metabolism of iodinated albumin in patients with
burns. Cas. lek. cesk. 103 no. 43:1196-1199 23. 0. '64.

1. Oddeleni pro klinickou biochemii lekarske fakulty hygienicke
Karlov University v Praze, (vedouci MUDr. RNDr. J. Oppit);
Oddeleni popalenin, (vedouci MUDr. M. Dobrkovsky,); klinika
plasticke chirurgie lekarske fakulty hygienicke Karlov
University v Praze (prednosta prof. dr. V. Karfik).

CZECHOSLOVAKIA/Human and Animal Morphology - Normal and Pathological. Circulatory System.

S

Abs Jour : Ref Zhur Biol., No 11, 1958, 50284

Author : Hladikova, J.

Inst :

Title : Blood Supply of the Dura of the Coxofemoral Joint

Orig Pub : Ceskosl. morfol., 1957, 5, No 2, 133-150

Abstract : As a result of a study of scores of bursae of the coxofemoral joint (BCJ) of individuals of various ages, the author observes that constantly participate A. circumflexae femoris fibularis et tibialis, a. obturatoria, aa. glutaeae cranialis et caudalis and a. pudenda interna, in the blood supply of BCJ and inconsistently, a. femoralis, a. profunda femoris and a. iliaca interna. A description of the arteries supplying BCJ is given. They come close either to the point of the junction of BCJ or to the free part of BCJ. In the first case, they

Card 1/2

- 20 -

CIA-RDP86-00513R0006180

HLADIKOVA, Jaroslava

Effect of section of the Lig. capitis femoris on vascularization of
the femur head (Experimental study on rabbits). Cesk. morf. 10 no.3:
307-316 '62.

1. Anatomicky ustav fakulty vseobecnoho lekarstvi UK v Plzni,
prednosta: Prof. MUDr. Jaroslav Kos.
(FEMUR HEAD blood supply)

HLADIKOVA, J.

On the problem of the nutritional importance of the ligamentum
capitis femoris. Acta chir. orthop. traum. czech. 30 no.2:89-95
Ap '63.

1. Anatomicky ustav fakulty všeobecného lekarství KU v Plzni,
prednosta prof. dr. J. Kos.
(FEMUR) (LIGAMENTS)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

... i oznaczonego arterii głównej tworzącej żylem arterię i żylę oddechową, aż do połowy żylki, co daje ją 10 mm. Długość żylki wynosi ...

2. w Klinice Moro Wewnętrznego Akademii Medycznej w Krakowie
prof. dr. med. dr. med. Leon Tokarzowicz.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADKA, Anna; ZBORIL, Václav; VÍKOVÁ, Anna

Determination of ethylenediaminetetraacetic acid , diethylenetriaminepentaacetic acid and meso-2,3-diaminobutanetetraacetic acid in the blood plasma. Frac. 16 no.10:447-451 D * 64

1. Ustav higieny prace a chorob z povolania v Bratislave
(riaditeľ prof. dr. M. Nosál).

dr hab. med.

Thrombin time and fibrinogen level in the venous and arterial
blood. Acta. tyg. Lek. 1966;6:668

I. i i Kliniki Chorob Lewnetnych Akutycznych przew. w Krakowie
(kierownik: prof. dr. med. Leon Tadeusz)

L 14882-66

ACG NR: AP6008357

SOURCE CODE: CZ/0049/65/000/005/0364/0366

AUTHOR: Paulov, Stefan—Paulov, Sh. (Docent, Candidate of science; Bratislava);
Hladka, Marta—Gladka, M. (Bratislava)

ORG: Department of Zoology, Faculty of Natural Sciences, Comenius University,
Bratislava (Katedra zoologie Prirodovedeckej fakulty Univerzity Komenskeho)

TITLE: Binding of I sup 131 in heart protein of rabbits

SOURCE: Biologia, no. 5, 1965, 364-366

TOPIC TAGS: iodine, rabbit, electrophoresis, amino acid, biochemistry, protein

ABSTRACT: Radioactive iodine was combined with heart proteins of rabbits in vitro in a veronalacetate solution buffered at pH 9.0 and at an ion concentration of 0.06. By paper electrophoresis 5 protein fractions were found; each fraction contained the same proportion of I¹³¹ which indicates that all the fractions contained the same amount of aminoacids that can bind iodine. The similarity between these fractions may even go much further.

Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 17Nov64 / ORIG REF: 002

Card 1/1

DRECHSLER, B.; HLADKA, V.; ZACKOVA, V.

Effect of stimulation of gastric interoceptors upon bioslectric activity in epileptics. Chekh.fiziol.2 no.2:164-170 '53.

(MLRA 7:2)

1. Nevrologicheskaya klinika meditsinskogo fakul'teta universiteta im. Karla IV, Praha. (Nervous system) (Epilepsy)

DRECHSLER, B.; HLADEK, V.; ZACKOVA, V.

Activation of bioelectric manifestations of epilepsy in electro-
encephalography with cardiazol. Neurol & Psychiat. cesk. 16 no.3:155-173
July 1953.
(CLML 25:4)

1. Of the Neurological Clinic (Head--Prof. K. Henner, M.D.) of Charles
University, Prague.

STARY, O.Dr.Doc.; DRECHSLER, B.Dr.; HLAJKA, V., Dr.; NEVSKY, O.Dr.

Pathophysiology of the paravertebral muscles and of the acute discogenic syndroms. Cas. lek. cesk. 44 no.13:339-346 25 Mar 55.

1. Neurol. klin. K.U., predn. akademik K.Henner.

(INTERVERTEBRAL DISC, diseases

funct. lability of motoric analyzer, diag. electromyographic

exam. of paravertebral musc.)

(ELECTROMYOGRAPHY, in various diseases

intervertebral disc dis., diag. by exam. of paravertebral

musc.)

(MUSCLES
paravertebral, electromyographic exam. in diag. of dis.
of intervertebral disc)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

HLADKA, VERA

Anatomicke a fyziologicke osobitosti deti predskolskeho a skolskeho veku. (Anatomic and Physiologic Particularities of Children of Preschool and School Age. a textbook. Tr. from the Czech. graphs) Bratislava, SPM, 1957. 32 p.

Bibliografický katalog, CSR, Slovenske knihy, Vol. VIII. 1957. No.9. p.282.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADKA, Vera

Anatomia a fyziologia cloveka. Ucebnica pre 9. roc. vseob. vzdel. skol. (Anatomy and Physiology of Man. Textbook for the 9th grade of schools of general education. 3d ed. TR. from the Czech. illus., index, notes) Authors: Vera Hladka, Josef Meisner, Tomas Travnicek. Bratislava, SPN, 1957. 225 p.

Bibliograficky katalog, CSR, Slovenske Khihy, Vol. VIII. 1957. no. 10. p. 316.

HLADKA, V.

(3)

CZECHOSLOVAKIA

O. STARY, S. FIGAR, M. TUHACEK, D. KREJCI, V. HLADKA and J. VYMAZAL,
Neurologic Clinic of the Faculty of General Medicine of Charles
University (Neurologicka klinika fakulty všeobecného lékařství KU)
[Karlove Univerzity], Head (prednosta) Academician lekarství KU
Physiology Institute of the Czechoslovak Academy of Sciences (Fyziologický
ustav CSAV [Ceskoslovenská akademie věd]), Chief (ředitel) Prof Dr
Z. SERVÍT; Prague.

"Acupuncture in Discogenic Radicular Affections and Polyrheographic
Reactions of Involved Segments."

Prague, Ceskoslovenska Neurologie, Vol 26, No 2, 1963; pp 104-111.

Abstract [English summary modified]: An attempt to evaluate scientifically
acupuncture whose "undeniable" successes (especially in trigeminal neuralgia
and discopathies) one of the authors saw during a recent study trip in Red
China; 42 patients with discogenic radicular syndromes involving primarily
L5 and S1 were treated with an average of 3 applications on the points
prescribed by traditional Chinese medicine; clinical evaluation of results
was supplemented by polyrheographic and skin temperature change

1/2

FIGAR,S.; STARY,O.; HLADKA,V.

Changes in vasomotor reflexes in painful vertebrogenic syndromes. Cesk. neurol. 26 no.6:353-360 N°63.

1. Fyziologicky ustav CSAV v Praze (reditel prof. dr. Z.Servit,
DrSc., a Neurologicka klinika fakulty vseobecneho lekarstvi KU
v Praze (prednosta akad. K.Henner).

FIGAR, S.; LIPRY, C.; HENNER, V.

Changes in vasomotor reflexes in painful vertebrogenic syndromes.
Rev. Czech. med. 10 no.4:238-246 '64.

1. Institute of Physiology, Czechoslovak Academy of Sciences,
Prague (Director: Prof. Z. Servit, M.D., DSc.) and Department
of Neurology, Faculty of General Medicine, Charles University,
Prague (Director: Academician K. Henner).

STARY, O.; FIGAR, S.; ANDELOVA, E.; HLADKA, V.; JANSKY, M.; KALVODOVA, E.

Analysis of disorders of vasomotor reactions in lumbosacral syndromes. Cesk. neurol. 27 no. 4: 214-218 Jl '64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU [Karlov大学] v Praze (prednosta: akademik K. Henner) a Fyziologicky ustav CSAV [Ceskoslovenske akademie ved] v Praze (reditel: prof. dr. Z. Servit).

MUSIL, J.; PAVLOVSKA, J.; BEDNARIK, T.; LOSTICKY, C.; HLADKOVA, D.;
DOBRKOVSKY, M.

Study of the metabolism of iodinated albumin in patients with
burns sickness. Acta chir. plast. 7 no.2:85-91 '65

1. Department for Clinical Biochemistry, Medical Faculty of
Hygiene, Prague, Czechoslovakia (Head: J. Oppli, M.D., D.Sc.)
and Burns Unit of the Clinic of Plastic Surgery, Charles
University, Prague (Director: Prof. V. Karfik, M.D., D.Sc.).

KRUTA, V.; BRAVENY, P.; HLAVKOVA-STEJSKALOVA, J.; HUSAKOVA, B.

Restoration of myocardial contractility and inotropic effects
(ouabain, quinidine, tyramine, theophylline and acetylcholine)
in guinea pigs and rats. Scr. med. fac. med. Brunensis 36
no.1/2:1-26 '63.

1. Katedra fysiologie lekarske fakulty University J.E. Purkyne
v Brne Vedouci prof. MUDr. DrSc. Vladislav Kruta.

(MYOCARDIUM) (TYRAMINE) (THEOPHYLLINE)
(ACETYLCHOLINE)

CHYTILOVA, M., Dr.; HLADKY, H., doc., Dr.; UCHYTIL, B., Dr.

Surgical treatment of congenital atresias of the auditory canal.
Acta chir. orthop. traum. czech. 23 no.4:205-210 July 56.

1. Z oddeleni pro plastickou chirurgii KUNZ. Brno, Prednosta doc.
Dr. V. Karfik. Z kliniky chorob usnich, nosnich a krknich
Masarykovy University v Brne, prednosta prof. Dr. F. Ninger.
(EUSTACHIAN TUBE, abnormalities,
atresia, surg. (Cz))

CZECHOSLOVAKIA/General and Specialized Zoology - Insects.

F.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39940

Author : Hladky, J.

Inst

Title : The Study of Lepidoptera in the State Reservation
"Mohelnenska Snake Steppe" and Its Environs.

Orig Pub : Ochrana prirody, 1957, 12, No 6, 184-185.

Abstract : No abstract.

Card 1/1

- 8 -

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

HLADKY, Jan (Praha); LEHRAUS, Ivan (Praha); MOKRY, Premysl (Praha)

New methods for representing the paths of particles. Pekroky
mat fyz astr 8 no.2:71-80 '63.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

J
CZECH/37-59-2-5/20

AUTHORS: J. Hladký, P. Chaloupka, V. Kadečka, T. Kowalski *)
and P. Mokry

TITLE: Three Variations in the Intensity of Cosmic Radiation
in the First Half of 1958

PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 2,
pp 150-156

ABSTRACT: Research into variations of the primary component of
cosmic radiation as a function of changes in the
atmosphere of the sun, is expected to lead to useful
information on the origin of cosmic radiation. To get
a full picture of this variation, a large number of
observations in varying geographical positions is
necessary. From the regular and irregular variations of
intensity of cosmic radiation, the influence of the sun is
obvious. This may, in principle, have the following two
reasons. The sun may be a source of the primary particles
and may modulate them by its magnetic field. They are
further modulated by changes in the Earth's magnetic field.
Within the framework of the International Geophysical Year,
a constant registration of the intensity of the penetrating
component and of the neutron component of cosmic radiation
was undertaken in two observatories. These are ✓

Card
1/6

CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First
Half of 1958

Lomnický stit (2,634M above sea level: geomagnetic latitude 48°N) and Prague (228M above sea level: geomagnetic latitude 48°N). The apparatus in both stations is similar. The penetrating component (μ -mesons) were measured by two counting telescopes with geometry recommended by C.S.A.G.I. (Ref 4). The effective area of the set of counters was 2500 cm² at Lomnický stit and 3600 cm² in Prague. For the detection of neutrons, both stations used a monitor described by Simpson (Ref 5) and recommended by C.S.A.G.I. The continuous registration was carried out by two independent instruments in each station. The location of the stations determined the lower threshold of energies of primary particles which produced the measured components of the cosmic radiation. The range of energies can only be very roughly estimated. The average pressure at Lomnický stit is 550 mm Hg. The minimum energy of μ -mesons capable of penetrating the given amount of air and the absorber (10cm Pb) is about 1.8 GeV (Ref 6). The energy of the primary particles must be higher, i.e. about 20 GeV. ✓

Card
2/6

CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First
Half of 1958

For sea level, the minimum energy of primary particles must be about 30 GeV. For the neutron monitor, the situation is more complicated because the atmospheric processes involving nucleons are complicated. We may assume (Refs 8,9,10) that the particles have energies around 3 GeV for Lomnický stit and 7 GeV for sea level. During the first half of 1958, both stations registered three large variations in intensity of the penetrating and the neutron component. These were on the 25th March, 25th April and 7-9th May. These variations are shown in Figs 3, 4 and 5, together with the measurements on the intensity of the Earth's magnetic field. Table 1 shows the main characteristics of these variations. The magnetic and ionospheric data are taken from a publication by the Geophysical Institute of the Czechoslovak Academy of Science (Ref 11). The Prague data of the intensity of cosmic radiation are in good agreement with those measured in Moscow (Ref 12). The intensities of the various components of cosmic radiation are shown relative to the mean frequency of registered particles and only the

Card
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Three Variations in the Intensity of Cosmic Radiation in the First
Half of 1958

CZECH/37-59-2-5/20

barometric effect has been corrected for. The barometric coefficient at Lomnický stit is $0.299\%/\text{mm Hg}$ for the penetrating component and $1.058\%/\text{mm Hg}$ for the neutron component. The same corrections in Prague are 0.218 and $0.95\%/\text{mm Hg}$ respectively. The statistical error of the measurements was $\sigma = 0.28\%$ for the meson telescopes on Lomnický stit and $\sigma = 0.41\%$ for the neutron monitors. In Prague, the errors were $\sigma = 0.21\%$ for mesons and $\sigma = 0.96\%$ for neutrons. All other errors were considerably smaller than the statistical error, with the exception of a possible error introduced by changes in the geometry due to replacements of counters. All the reported measurements were taken without such replacements. The variation on the 25th March 1958 (Fig 3) is a typical variation associated with a magnetic storm. It has an accurately defined beginning which coincides with the beginning of the storm and lasts many days. The intensity of the meson component shows an increased daily variation. The neutron component showed this increased daily variation only at the Prague station. The amplitude of the disturbance was ✓

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4/6

CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First Half of 1958

extraordinarily large and related to the intensity of the magnetic storm. Before the variation, an intensive eruption was observed on the sun (Ref 13) starting on the 23rd March at 0950 hours GMT. The variation on the 25th April (Fig 4) was a relatively small one. The state of the Earth's magnetic field was practically undisturbed until the next day. No eruption was observed on the sun. The May variation (Fig 5) showed a short increase in the neutron intensity at Lomnický štít on the 7th May at 2300 hours GMT. This was followed on the 9-10th May by a short decrease with a badly defined beginning, registered by all detectors. It is possible that the effect is due to a direct emission of particles with energies smaller than 7 GeV, possibly from a small eruption observed on the sun at 2335 hours GMT. During the following decrease, no large magnetic disturbance was observed. These measurements are for the period from 1st January to 30th June 1958. Measurements in both stations are being continued.

Card
5/6



CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First
Half of 1958

There are 5 figures, 1 table and 13 references, of which
5 are German, 5 English, 2 Soviet and 1 Czech.

ASSOCIATION: Fysikální ústav ČSAV, Praha

(Institute of Physics, Czechoslovak Ac. Sc., Prague)

Card 6/6 " Akademia Górniczo-Hutnicza, Kraków

SUBMITTED: November 4, 1958

✓

40001
S/035/62/000/008/035/090
AC01/A101

9.9/30

AUTHORS: Křivský, L., Mokrý, P., Hladký, J.

TITLE: Cosmic radiation and the disturbance of the lower ionospheric layer during the flare of October 6, 1959

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 69, abstract 8A458 ("Byul. astron. in-tov Chechoslovakii", 1961, v. 12, no. 3, 93 - 97, English; Russian summary)

TEXT: A class 1+ chromospheric flare was observed at the astronomical observatory of AS CzechSSR at Ondrjeova on October 6, 1959, at 14^h09^m - 14^h45^m UT (30°5 N, 63° E). The flare was accompanied by an active return ejection and intensification of the solar radio emission on wavelengths 56 and 130 cm. Simultaneous observations of atmospherics at the 27-kc frequency have shown first, their ordinary intensification due to the disturbance of region D and second, at 15^h20^m - 15^h50^m UT a marked drop of the level due, in the authors' opinion, to the disturbance of the ionosphere by cosmic radiation. Increase of intensity, which lasted 25 min, was detected in all components of cosmic radiation observed. *X*

Card 1/2

Cosmic radiation and the...

S/035/62/000/008/035/090
A001/A101

X

at observatories Lomnitskiy Shchit (2,634 m) and Praga-Karlov (228 m) equipped with standard neutron monitors and counter telescopes. This intensity increase, which occurred 50 - 70 min after brightness maximum of the flare field and the largest ejection loop, was greater than statistic fluctuations and occurred almost simultaneously in all components. It amounted to $2.5 \pm 0.7\%$ on the neutron monitor at the Lomnitskiy Shchit and $2.8 \pm 1.6\%$ at Praga. The intensity increase of cosmic radiation in the diffusion region of the drop was extremely great in relation to the class of the flare. It can be supposed that there exists a relation between the origination of radiation and rapid changes of filaments (under the action of changes in magnetic field during the flare development). This case was analyzed, as well as the intensification of cosmic reradiation related to the rapid development of the loop-like prominence of May 4, 1960 (RZhAstr, 1961, 3A334). The conclusion has been drawn that the axis of spatial angles of ejection of cosmic rays towards the Earth passes within the loop, i.e., coincides with the orientation of the intensity electric vector. Encounter of cosmic rays with the Earth is possible, if the loop axis is directed towards the Earth, and the general magnetic field will force the particles to move to the Earth. There are 18 references.

[Abstracter's note: Complete translation]

From authors' summary

Card 2/2

Z/034/62/000/012/004/004
E073/E451

AUTHORS: Toman, L., Engineer, Hladky, J., Engineer

TITLE: Method of heat treatment of heavy forgings and rolled products from carbon and alloy steels
Patent application: Cl 18c, 8/10, PV 4392-61,
July 15, 1961

PERIODICAL: Hutnické listy, no.12, 1962, 910-911

TEXT: The method is intended for heavy and large-size forgings and rolled products produced from ingots weighing 20 to 250 tons. Due to the slow cooling such ingots have a coarse grain structure below the ingot head which remains coarse and nonuniform even after working, and consists of ferrite with regions of coarse pearlite or bainite, depending on the chemical composition of the metal. The invention is that the forgings or rolled products which possess unsatisfactory plastic properties, for instance elongation, compression or impact strength, are subjected to spheroidization annealing prior to the final heat treatment, which is usually normalization annealing followed by tempering. During the spheroidization annealing, which is well known and is used to

Card 1/2

Method of heat treatment ...

Z/034/62/000/012/004/004
E073/E451

soften the steel before machining or as a preliminary to further heat treatment of small forgings of high-carbon steels, the originally coarse regions of pearlite or bainite decompose into more numerous fine grains of ferrite and granular cementite. This refined structure leads to the formation of fine grain austenite during heating to the normalization annealing temperature and to the formation of a fine grain ferrite-pearlite or ferrite-bainite structure after cooling from the normalization temperature. The resulting fine grain and uniform structure ensures the production of the required mechanical properties of the material, particularly elongation, compression and impact strength.

[Abstracter's note: Complete translation.]

Card 2/2

11/10/01 JHN
4026* (Czech) Experiences With the Production of a 40-ton
Tow Ingot Metaluklenost s výrobou 140 tunového odlitku
Kokily, Josef Čadusek and Jan Hudečký. Slezskosudet. v. 5 [kr]
1957. p. 3-13

2

HLADKY, Jaroslav

Osmdesat telat od sta krav. (Eighty calves from Hundred Cows. 1st ed. illus.)
Prague, SZN, 1957. 66. p. No. 28 of the series Zemedelske aktuality (Agricultural
Contemporary Problems)

A manual for farmers containing scientific knowledge and experience on the
insemination and breeding of cattle. Practical instructions based on scientific
methods

Bibliograficky katalog, CSR, Ceske knihy, No. 30. 3 Sept 57. p. 653.

18

ca
HLADCKA, J.

Cyanide compounds. Josef Hladký. Čehos. (Prague) R. 180-1(1944).—Synthetic processes (used during and after the war) depended upon the reaction occurring between charcoal and molten Na which yields NaCN; the reaction between incandescent CaC₂ and N from air which yields CaCN₂; and the formamide process in which MeOH and CO form HCO₂Me which with NH₃ yields HCONH₂ and subsequently HCN. The useful compd. Me₂C(CN)OH was prepd. from the reaction Me₂CO + HCN → Me₂C(CN)OH. Many of the cyanide compds. in Czechoslovakia are prepd. from molasses residues. Frank Marek

1952

HLADKY, R.

Treatment of conduction deafness with radium and roentgen rays.
Lek.listy 5 no.23:697-701 1 Dec 50. (CLML 20:5)

1. Of the Otolaryngological Clinic, (Head--Prof. František Jínger, M.D.), Masaryk University, Brno. 2. Of the Masaryk Radiotherapeutic Institute, (Head--Docent Jan Spindřich, M.D.) Zlute Kopce, Brno. 3. Of the Central Roentgenological Institute, State Faculty Hospital in Brno (Head--Head-Physician Jan Smid).

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

HLADKY, R.

Optic bronchoscope produced in Czechoslovakia. Cesk. otolar. 1 no.
3:134-137 1952. (CLML 24:1)

1. Of the Ear, Nose and Throat Clinic (Head--Prof. J. Minger, M.D.)
of Masaryk University in Brno.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2

H. APKY, R.

Effect of Czechoslovakian otolaryngology on Slovakia. Czech.
otolaryng. 13 no. 6:371-372 N 1 64.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618020020-2"

HLADKY, Robert, Dr.

Present state of broncho-esophagology in Czechoslovakia and
its needs. Cesk. otolar. 5 no.2:65-66 Apr 56.

(BRONCHI,
research in Czech. (Cs))
(ESOPHAGUS,
research in Czech. (Cs))

HLADKY, Robert, Dr.

Respiratory manifestations of alkaptonuria and ochronosis.
Cesk. otolar. 5 no.2:98-102 Apr 56.

1. Z Kliniky ORL lekarske fakulty MU v Brne: Prednosta prof.
dr. Frant. Ninger, K pedesatym narozneninam prim. Dr. H. Venclika.
(ALKAPTONURIA, manifestations,
resp. tract (Cs))
(OCHRONOSIS, manifestations,
resp. tract (Cs))
(RESPIRATORY TRACT, in various diseases,
alkaptonuria & ochronosis. (Cs))

HLADKY, Robert, Dr.

New bronchoscopic appliance. Cesk. otolar. 5 no.2:111-113
Apr 56.

1. Z Kliniky pro choroby kresni, usni, a nosni lek. fak. MU
v Brne. Prednosta prof. MUDr. Frantisek Hinger.
(BRONCHOSCOPY, apparatus and instruments,
new appliance. (Cs))

FEUCHTIGKEIT

Mall

63. Resistant, resistant and insulating lacquers.

R. HADKY. Czech.P. 83403. Rev. curr. LII.
Patent. U.S. Varn., 1966, 29, 509. Resistant, alkali-
and acid-resistant lacquers are manufactured by
incorporating into a fused mixture of asphalt and a
natural or synthetic resin, at temperatures above
150°C., natural or synthetic unvulcanized rubber,
heating to bring about complete dissolution, followed,
after cooling below 100°C., by such treatment
as the addition of solvents and, if need be, of pig-
ments, and by homogenisation. *30124*.

Excerpta Medica Sec. II Vol. 10/II Oto-Rhino-Laryng Nov 57
HLADKY R.

2126. HLADKY R. Klin. pro Chor. Krční, Ušní a Nosní Lék. Fak. MU a Ústřední Rentgen, Ustav Krajské Klin. Nem., Brno. "Otosklerosa laterálního kanálku a fenestrae. Otosclerosis of the lateral canal and fenestration ČSL OTOLARYNG. 1957, 6/2 (89-93)

The macroscopic form of otosclerosis in the lateral canal is encountered in 3% of the stapes form of the disease. The focus can be 10 mm. or more in size. There are no obstacles to performing a new fenestra if it is directly in the accustomed location. On the contrary it appears that the finding of an otosclerotic focus at the window region is an advantage for the patient, if we remove the focus, perform an adequate fenestra, and, in addition, apply small anti-inflammatory doses of X-ray as soon as possible after fenestration.

H

1. In detection & treatment of cancer tumors of trachea,
Esophagus, larynx, bronch., etc. (var. dis.)

2. Surgery, medical, and radiological treatment of cancer
tumors of trachea, larynx, bronch., etc. (var. dis.)

3. Radiotherapy, chemotherapy, etc. (var. dis.)

(+) Radiation, in var. dis.
(+), of benign tumors of trachea & esophagus (var.)